

## ABSTRACT OF THE DISCLOSURE

Enforcement firewalls and other security devices are located on a network for a given source node and destination node. Nodes in the network topology are programmatically identified as being part of a non-looping communication path between the source node and the destination node. These nodes may be part of a path closure set. Security devices that are part of the path closure set are identified as the enforcement security devices for the given source and destination node.

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 10-10-2019 BY SP